



February 1999									
Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

SOUTH DAKOTA, West

SDZ001>002-012>014-025>026-030>032-043-046>047-049 Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Foot Hills - Central Foot Hills - Custer Plains - Pennington Plains - Haakon - Jackson - Mellette - Todd - Tripp

03	0600MST 1900MST	0	0	High Wind (G60)
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This was a large scale synoptic wind event that stretched across the region. Strong winds were in the 35 to 45 mph range with gusts to over 70 mph from 7 am until sunset in portions of Western and South Central South Dakota.

SDZ025

Northern Foot Hills

07	2200MST 2230MST	0	0	High Wind (G54)
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A cold front moving through the region channeled strong winds through the northern foothills. Strong winds lifted a 150 by 20 foot metal building off of its slab, up into the air and dropped it back to the ground. The building was home to more than 100 animals, from llamas to pigs to miniature ponies and chickens. Although some of the chickens were killed, the majority of the animals were unharmed. Surrounding observation sites reported winds gusts to 50 mph as the cold front moved through.

SDZ013>014-026-031

Meade Co. Plains - Ziebach - Central Foot Hills - Pennington Plains

10	1100MST 1700MST	0	0	High Wind (G55)
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A deep low pressure system moved across South Dakota creating a tight pressure gradient over the western counties. A strong cold front associated with this system moved eastward through the region and winds became very strong around noon, and then died down around sunset as the cold front and low pressure system moved into northeastern South Dakota.

SDZ001>002

Harding - Perkins

26	0800MST 1400MST	0	0	Heavy Snow
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SDZ001>002-013>014-032 Harding - Perkins - Meade Co. Plains - Ziebach - Haakon

26	1500MST	0	0	55K	High Wind (G60)
27	0400MST				

An intense upper level low pressure system over Minnesota, combined with a Pacific cold front moving into the region, created strong winds and some heavy snowfall over portions of northwestern South Dakota. The heaviest amounts were in the two northernmost counties along the North Dakota border where up to a foot of snow fell. The heavy, wet snow added considerable weight to some of the power lines in those two counties, and when the wind picked up, there were 55 power poles blown over.

WYOMING, Northeast

WYZ054>058

Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

02	1900MST	0	0	High Wind (G75)
03	1300MST			

A large scale storm system pushed into the region creating strong winds throughout all of Wyoming. The peak gust in Northeastern Wyoming was at Devils Tower which had an 86 mph gust.